

Rotation Mechanism

- Loosen Knob a couple of turns
- Use other hand to pull the pole mount fixture to disengage the clamping ring assembly
- Rotate to required position, re-engage clamping ring assembly, taking care to mate crest and trough
- Re-tighten knob but do not over-tighten.

Note: After use, clean down and apply a dab of grease to fixings to prevent 'firing':

1. Knob & M8 socket head cap screw
2. Sonar / Brace fixings M5 socket head cap screws

Pole Mount System

for the Gemini 720im, 720is, 720ik and 1200ik multibeam imaging sonars



Quick Guide

An easy to deploy, lightweight mounting solution for rapid imaging results



Tritech International Limited

Peregrine Road, Westhill Business Park, Westhill,
Aberdeenshire AB32 6JL,
Scotland, United Kingdom
Email: tritech-sales@moog.com
Tel: +44 (0) 1224 744111

www.moog.com/tritech



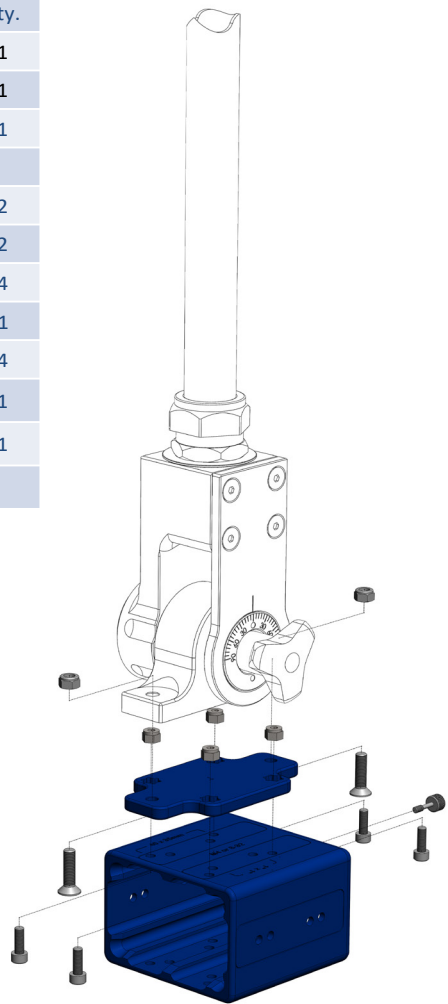
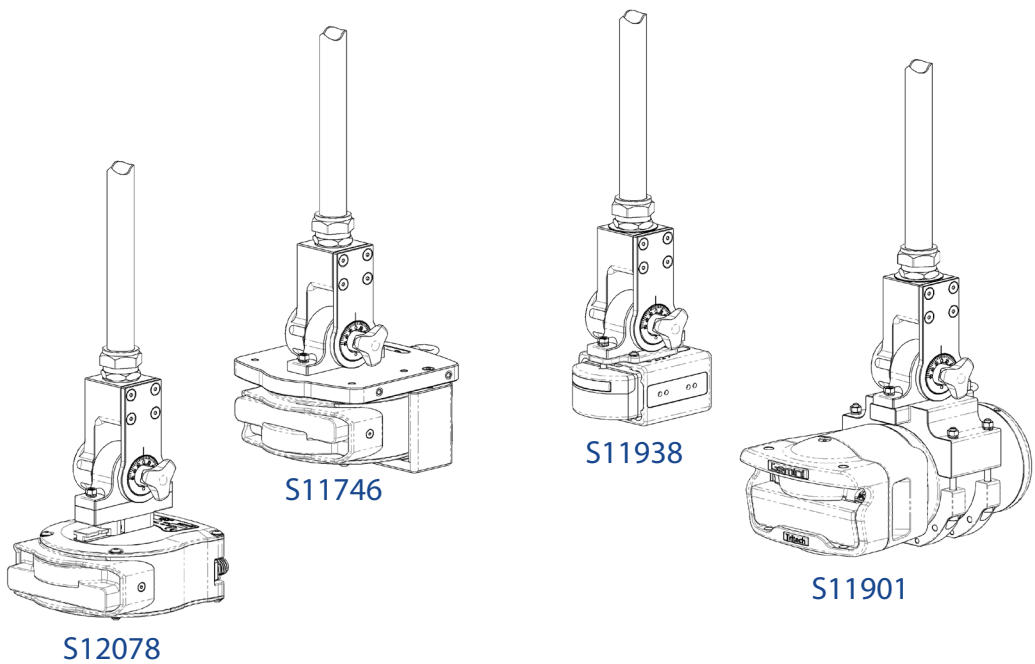
Outstanding Performance in Underwater Technology

Gemini Pole Mount Deployment Options

S11938 Gemini 720im Pole Mount Bracket

System Components - Pole Mount Adaptors

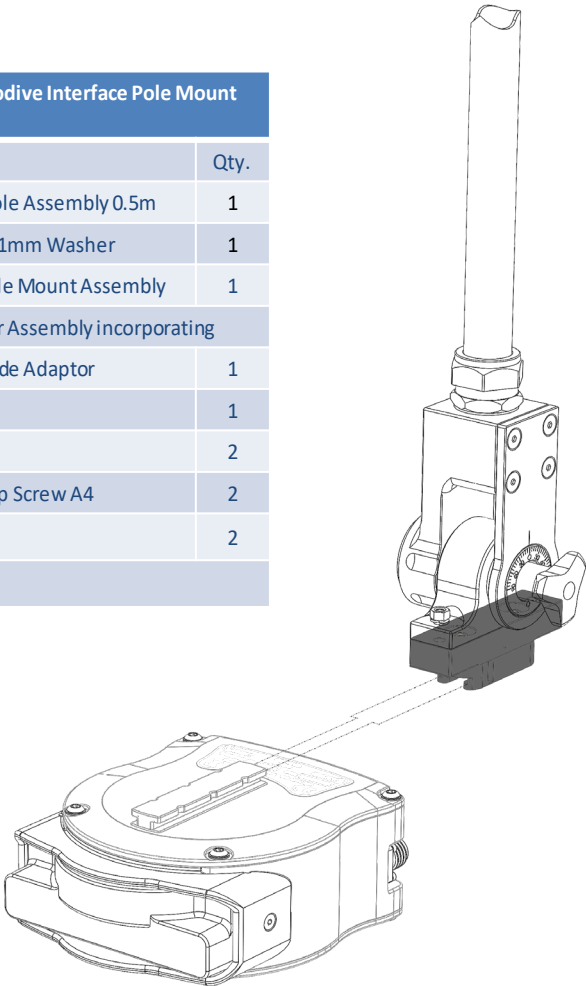
| S11938 Gemini im Deployment - Pole Mount Bracket | | |
|--|---|------|
| Item No. | Description | Qty. |
| S11836 | Gemini DB - Ø22mm Pole Assembly 0.5m | 1 |
| S11744 | 29mm ID x40mm OD x 1mm Washer | 1 |
| S11745 | Gemini DB - Pivot & Pole Mount Assembly | 1 |
| S11937 | Gemini im Sonar Mount Assembly incorporating: | |
| S04175 | M5 Nylok Nut A4 | 2 |
| S11861 | M5x20 Socket Head Countersunk Screw A4 | 2 |
| S01159 | M4 Nylok Nut A4 | 4 |
| S11790 | Gemini 720im Pole Mount Adaptor | 1 |
| S11772 | M4x12 Socket Head Cap Screw A4 | 4 |
| S11618 | Mounting Bracket, supplied with: | 1 |
| S11701 | M3x12 Captive Thumb Screw | 1 |
| No Tooling supplied | | |



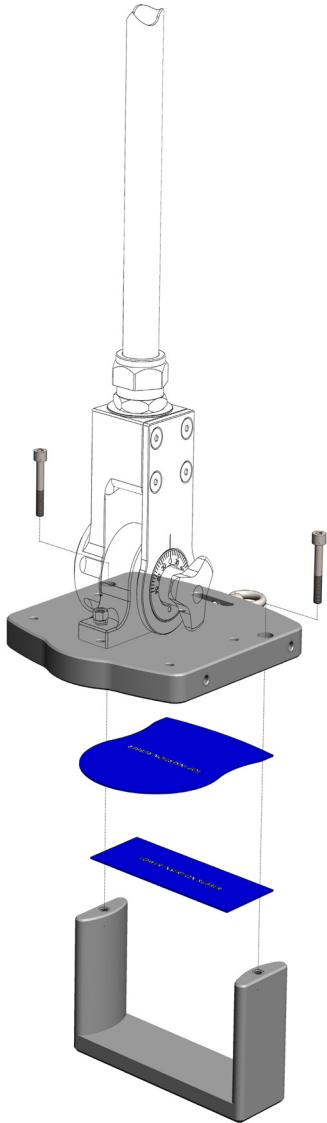
S12078 Gemini 720ik/1200ik
Inodive Interface
Pole Mount Bracket

S11746 Gemini 720ik/1200ik
Pole Mount Bracket

| S10278 Gemini ik Deployment – Inodive Interface Pole Mount Bracket | | |
|--|--|------|
| Item No. | Description | Qty. |
| S11836 | Gemini DB - Ø22mm Pole Assembly 0.5m | 1 |
| S11744 | 29mm ID x40mm OD x 1mm Washer | 1 |
| S11745 | Gemini DB - Pivot & Pole Mount Assembly | 1 |
| S12047 | Inodive Slide / Adaptor Assembly incorporating | |
| S12045 | Gemini DB - Inodive Slide Adaptor | 1 |
| S12046 | Inodive Slide 10128-00 | 1 |
| S01159 | M4 Nylok Nut A4 | 2 |
| S12071 | M4x16 Socket Head Cap Screw A4 | 2 |
| S06309 | M4 Washer A4 | 2 |
| No Tooling supplied | | |

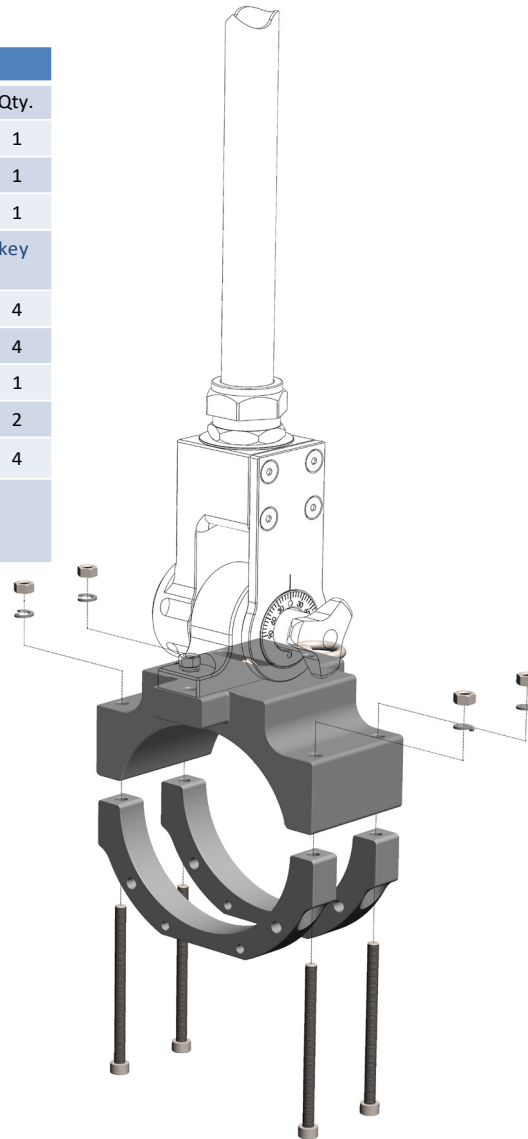


| S11746 Gemini ik Deployment- Pole Mount Bracket | | |
|---|--|------|
| Item No. | Description | Qty. |
| S11836 | Gemini DB - Ø22mm Pole Assembly 0.5m | 1 |
| S11744 | 29mm ID x40mm OD x 1mm Washer | 1 |
| S11745 | Gemini DB - Pivot & Pole Mount Assembly | 1 |
| S11935 | Gemini ik Sonar Mount Assembly incorporating key components: | |
| S06272 | M5x30mm Socket Head Cap Screw A4 | 2 |
| S11736 | Sonar Mount Top Plate | 1 |
| S11755 | Insertion Rubber kit – Top and Base | 2 |
| S11737 | Sonar Mount - Brace | 1 |
| Tooling supplied: | | |
| S11944 4mm L shape Long Arm Ball Point Hex Key | | |
| S11737 can be supplied for ROV type mount | | |



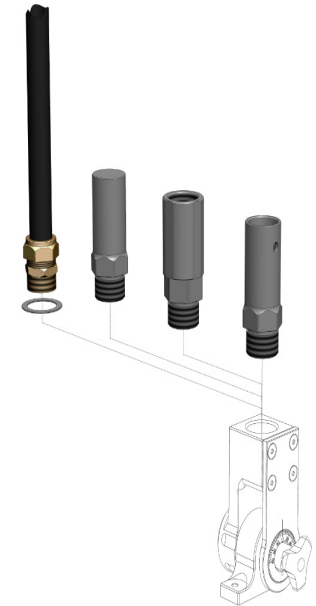
S11901 Gemini 720is Pole Mount Bracket

| S11901 Gemini is Deployment - Pole Mount Bracket | | |
|---|--|------|
| Item No. | Description | Qty. |
| S11836 | Gemini DB - Ø22mm Pole Assembly 0.5m | 1 |
| S11744 | 29mm ID x40mm OD x 1mm Washer | 1 |
| S11745 | Gemini DB - Pivot & Pole Mount Assembly | 1 |
| S11936 | Gemini is Sonar Mount Assembly incorporating key components: | |
| S03781 | M5 Nut A4 | 4 |
| S11653 | M5 Spring Washer A4 | 4 |
| S11902 | Sonar Mount – Top | 1 |
| S11903 | Sonar Mount – Brace | 2 |
| S11905 | M5x80 Socket Head Cap Screw A4 | 4 |
| Tooling supplied: S11944 4mm L shape Long Arm Ball Point Hex Key S11945 8mm A/F Combination Spanner | | |



Pole Mount Adapters

| Items from left to right | | |
|--|---|------|
| Item No. | Description | Qty. |
| S11836 | Gemini DB - Ø22mm Pole Assembly 0.5m | 1 |
| S11744 | 29mm ID x40mm OD x 1mm Washer | 1 |
| S11743 | Gemini DB - Pole Adaptor Blank | 1 |
| S11904 | Gemini DB - 1 1/8"-18 UNEF Pole Adaptor | 1 |
| S11741 | Gemini DB - Reach & Rescue Pole Adaptor | 1 |
| Common Interface thread: 1 1/8"-14 BSW (Whitworth) S11836: Utilises coupling / Ø22mm carbon fibre pole as per USBL system. S11904: Supplied in USA only S11743: Supplied for customer adaption S11741: Configured to accommodate 'sprung' pin engagement common to a range of 'Reach / Rescue' telescopic pole systems S11836 & S11744 supplied with all Deployment pole mount brackets covered here. | | |



Pivot & Pole Mount Assembly

| S11745 Pivot & Pole Mount Assembly | | |
|------------------------------------|--------------------------------|------|
| Item No. | Description | Qty. |
| N/A | Pivot & Pole Mount Assembly | 1 |
| Supplied with: | | |
| S11754 | M5x30 Skt Head C'sunk Screw A4 | 2 |
| S11653 | M5 Spring Washer A4 | 2 |
| S03781 | M5 Nut A4 | 2 |

